AEE/BTP/SD/12/23-24

Original/Duplicate/Triplicate

CONTRACT CERTIFICATE

(For Other Works)

Zone:BBMP,Yelahanka | Bill Type::2nd & Final Bill | Division:BBMP, Byatarayanapura | Date.....2023 | Sub-Division:Byatarayanapura

Bill Received No. | Dated | Divisional | Cash Book Voucher No.....Dated.....

Schedule Docket No. | Sub-Divisional | Job Code: 006-23-000001 | Indent No:52484

Head of Account: P3877, Amruth Nagarothana | Est.Cost: Rs.1000.00 Lakhs

Name of Work : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no 6 and Surrounding areas in Byatarayanapura Division.

Name of Contractor and Full Address: M/s A G Narayanaswamy, No. 13, Venkateshwara layout., Horamavu, Bengaluru-560043

Refarence to Agreement No. BBMP/EE/BTP/WO/80/2022-23 Date: 22-12-2022

Certified that the measurements were taken by me on 5/5/23 and recorded of Pages 628101 to 111 of measurement Book No 6262/22-23 and that work is satisfactorily executed.

Contractor A.G.N.

Officer in-charge of work

Certified that measurement were taken by me on 15/5/2023 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Accont have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Sub-Division Officer

1) Total value of work done or supplies made as per account within	Total	94146600	00
2) Deduct amount to be held in reserve being.....Percent Rs.....	Previous	70582000	00
3) " Balance	TTB	23564600	00
4) Deduct Payment:	I+	399400	00
a) Amount of previous payment as in the Office Cash Book Voucher	Cust	199700	00
No.....Dated.....S.D.No.....	SIST	199700	00
adjusted towards cash advance recovery of	CEN.	199700	00
b) Payments cost store or other material supplied.	CBI	19970	00
Now made recovery of amount creditable to this /other work	LR	330530	00
Amount paid on this bill Cheque/Cash.			
5) Balance being unpaid value of work done held in reserve.			
6) Deduct cash advance made on the Office cash Book Voucher No.....			
dated .....less adjustments.			
Total Amount Adjusted	Ded	1349000	00
7) Net amount due to or from Contractor unadjustments items.	Net payable	22215600	00
8) Advance to Contractor for materials brought to site (as detailed) within			
9) Value of Government materials supplied.			

A.G.N.

Received Rs.....(in words)... Contractor's Signature

.....

by cash and by adjustment of Payment as per memorandum (in final settlement of all demands)

(For use in the Office)

Witness
1
2

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Stamp

Cash Rs.....

Dated.....

Initials of Officer making payment

P 3877

Head of Account Amruth Nagarothana

Bill Passed for Rs. 23564600/-

Statutory Deductions Rs. 1349000/- By Adjustment

Net Amount Paid Rs. 22215600/- By NEFT/RTGS

C/W 1/7/23

Account Superintendent Byatarayanapura Division BBMP

1/7/23

Executive Engineer Byatarayanapura Division BBMP

1/7/23

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Name of Work : Improvements to Roads and Drains at MCEHS Layout 1st and 2nd Phase, Sampigehalli, Chokkanahalli, Balaji Krupa Layout, Basavalingappa Nagara, Central Excise Layout, Bellahalli and Kattigenahalli in Ward no 05 and Kaveri Nagara and Shiridi Sai Nagara in Ward no 6 and Surrounding areas in Byatarayanapura Division. ((Package No.01 (Consist of 5 Works))

WORK ORDER NO: BBMP/EE/BTP/WO/80/2022-23 Date:22-12-2022 JOB CODE : 006-23-000001 COST Rs:1000.00 Lakhs

Sl. No.	Item No	Description of Works	Unit	Schedule-B		Modified Schedule B	Previous paid		Present paid			Total Up-todate		Remarks
				Qty	Rate	Qty	Qty	Cost[Rs]	Qty	Rate	Cost	Qty	Cost[Rs]	
1	1	Earth work excavation by manual means for drains,canals, waste weir, draft, approach channels, key trenches, foundation of bridges and such simillar works in all kinds of soils , as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter, excavated surface leveled and sides neatly dressed disposing off the excavated stuff or sorting & stacking the selected stuff for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools & other appurtenaces required to complete the work. (PWD SR 2021-22 Vol -I Pg No 5 item no 1.4.1)	Cum	1819.26	321.40	1819.26	1819.26	584710.16				1819.26	584710.16	
2		Upto 125%	Cum			454.82	454.82	146179.00				454.82	146179.00	
3		Above 125%	Cum			933.85	259.65	83449.00	674.20	321.39	216681.14	933.85	300130.14	
4	2	Removing and Resetting of Footpath Slab and pointing in C.M (1:3) (Approved Rate)	Sqm	1920.79	225.80	1920.79	963.08	217463.00	957.71	225.80	216250.92	1920.79	433713.92	
5		Upto 125%	Sqm			480.20			480.20	225.80	108429.16	480.20	108429.16	
6		Above 125%	Sqm			437.19			437.19	225.86	98743.73	437.19	98743.73	
7	3	Providing B S slabs of selected quality roughly dressed havinf a size of 10 cms thick and fixed in cement mortar (1:6) including fixing curing ete., complete. as directed by the Engineer in Charge of the work (excluding GST and Area Leading Charges)	Sqm	1358.86	804.40	1358.86	1238.15	995967.86	120.71	804.40	97099.12	1358.86	1093066.98	
8		Upto 125%	Sqm			10.88			10.87	804.40	8743.83	10.87	8743.83	
9	4	Providing and laying in position plain cement concrete Mix 1:3:6 (M10) for levelling course for all works in foundation. Using 40 mm nominal size graded crushed coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machineries, curing, and all the other appurtenances required to complete the work as per technical specifications. (PWD SR 2021-22 Vol -I Pg 15 item no 2.1.3)	Cum	93.56	6080.20	93.56	93.56	568863.51	10.86		8735.78	10.86 93.56	8735.78 568863.51	
10		Upto 125%	Cum			23.39	23.39	142215.88				23.39	142215.88	
11		Above 125%	Cum			20.98	13.97	84953.00	7.00	6081.07	42567.49	20.97	127520.49	

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Sl. No.	Item No	Description of Works	Unit	Schedule-B		Modified Schedule B	Previous paid		Present paid			Total Up-todate		Remarks
				Qty	Rate	Qty	Qty	Cost[Rs]	Qty	Rate	Cost	Qty	Cost[Rs]	
12	5	Providing and laying in position Reinforced cement concrete for all Sub structures of building, Irrigation works, Sub structure works of bridges, Drain works & other parallel works from 0.50m to 3.50 m height. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed with super plasticisers, laid in layers, well compacted using needle vibrators, providing weep holes wherever necesary, including all lead & lifts, cost of all materials of quality, confirming to the requirements of relevant IS codes, labour, Usage charges of machinery, curing and all other appurtenances required to complete the work as per technical specifications. M20 (The cost of steel reinforcement & formwork to be paid separately) (PWD SR 2021-22 Vol -I Pg 17 item no 2.4.2)	Cum	228.32	6080.20	228.32	228.32	1585271.42				228.32	1585271.42	
13		Upto 125%	Cum			36.29	24.03	166845.00	12.25	6943.20	85054.20	36.28	251899.20	
14	6	Supplying, Fitting and Placing un-coated TMT bar Reinforcement in sub-structure complete as per Drawing and Technical Specifications. MORTH Specification NO.1600&2200 (PWD SR 2021-22 Vol -III Pg 99 item no 13.1)	Tn	15.03	109229.10	15.03	15.03	1641713.37				15.03	1641713.37	
								156239.37	0.73		79737.43		235976.80	
15		Upto 125%	Tn			2.17	1.43	156197.00	0.74	109229.10	80829.53	2.17	237026.53	
16	7	Providing and Fixing pre cast covering Slab made out of CC 1:2:4 with 10cm thick made of M25 with OPC cement @ 340kgs per Cum with 20 mm and Down size graded granite metal coarse agg @.70 mixed including providing and removing centering, shuttering, shuttering propping etc. for edges of slabs with TMT (Fe500) COM, labor, labor, all Lead and Lift, HOM, Curing, including Cost of reinf. Etc, Complete as directed by the Engineer In charge of Work (Data Rate)	Sqm	493.92	1991.20	493.92	493.92	983493.50				2.16 493.92	983493.50	
17		Upto 125%	Sqm			95.43	60.42	120308.30	35.01	1991.20	69711.91	95.43	190020.21	
18	8	Providing and Fixing pre cast covering Slab 230mm thick made out of CC 1:1.5:3 and jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge	Sqm	115.20	4840.60	115.20	115.20	557637.12				115.20	557637.12	
19		Upto 125%	Sqm			28.80	28.80	139409.28				28.80	139409.28	
20		Above 125%	Sqm			120.48	120.48	583250.99				120.48	583250.99	
21	9	Removing and refixing stone slabs of drains and pointing in CM (1:3) (PWD SR 2018-2019 P.No-27,I No-5.33)	Sqm	2849.31	107.00	2849.31	2849.31	304876.17				2849.31	304876.17	
22		Upto 125%	Sqm			39.71	39.71	4248.97				39.71	4248.97	

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Sl. No.	Item No	Description of Works	Unit	Schedule-B		Modified Schedule B	Previous paid		Present paid			Total Up-todate		Remarks
				Qty	Rate	Qty	Qty	Cost[Rs]	Qty	Rate	Cost	Qty	Cost[Rs]	
23	10	Earth work in surface excavation by mechanical means for lowering & leveling the ground for all works other than foundation in all kinds of soils & upto depth not exceeding 300mm as per drawing and technical specifications, including setting out, shoring, strutting, barricading, caution lights, removal of stumps and other deleterious matter including dressing of excavated surfaces, disposing off or levelling the excavated earth or sorting & stacking the selected earth for reuse in a radius of 50 m and lift upto 1.5 m including cost of labour, tools, usage of machinery & other appurtenances required to complete the work. In all kinds of soils upto 300 mm depth. (PWD SR 21-22 Vol I Pg no 8 Item No 1.12)	Cum	9029.56	274.80	9029.56	6196.40	1702770.72	2833.16	274.80	778552.37	9029.56	2481323.09	
24		Upto 125%	Cum			5.26			5.26	274.80	1445.45	5.26	1445.45	
25	11	Providing, laying, spreading and compacting graded stone aggregate to wet mix macadam specification including premixing the Material with water at OMC in mechanical mix plant carriage of mixed Material by tipper to site, laying in uniform layers with paver/grader in sub-base / base course on well prepared surface and compacting with vibratory roller to achieve the desired density MORTH Specification No. 406 (PWD SR 21-22 Vol III Pg no 24 Item No 4.27 (A))	Cum	7845.88	2530.70	7845.88	5409.76	13690480.00	2436.12	2530.70	6165088.88	7845.88	19855568.88	
26		Upto 125%	Cum			402.30			402.30	2530.70	1018100.61	402.30	1018100.61	
27	12	Providing and applying primer coat with SS1 grade Bitumen Emulsion on prepared surface of granular base including cleaning of road surface and spraying primer at the rate of 0.90 kg per m2 using mechanical means MORTH Specification No. 502 (PWD SR 21-22 Vol III Pg no 29 Item No 5.1 A (i))	Sqm	35386.52	46.50	35386.52	23310.10	1083919.65	12076.42	46.50	561553.53	35386.52	1645473.18	
28		Upto 125%	Sqm			367.21			367.21	46.50	17075.27	367.21	17075.27	
29	13	Providing and applying tack coat with RS1 Bituminous Emulsion using emulsion pressure distributor at the rate of 0.20 kg/m2 on the prepared bituminous surface cleaned with mechanical broom.(V-III, P.No-29,I No-5.3(i) of PWD SR 2021-22).	Sqm	40586.42	12.70	29727.77	22818.90	289800.03	6772.14	12.70	86006.18	29591.04	375806.21	
30	14	Providing and laying Dense Graded Bituminous Macadam with 40/60 TPH capacity HMP using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 4.5 per cent by weight of total mix and filler, ransporting the hot mix to work site, laying with mechanical paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MoRTH specification clause No. 505 complete in all respects (PWD SR 21-22 Vol III Pg no Item No 5.12 (C))	Cum	1769.33	10453.70	1213.11	932.35	9746507.00	280.76	10453.70	2934980.81	1213.11	12681487.81	

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Sl. No.	Item No	Description of Works	Unit	Schedule-B		Modified Schedule B	Previous paid		Present paid			Total Up-todate		Remarks
				Qty	Rate	Qty	Qty	Cost[Rs]	Qty	Rate	Cost	Qty	Cost[Rs]	
31	15	Providing and laying Bituminous Concrete with 40/60 TPH capacity hot mix plant using crushed aggregates of specified grading, premixed with bituminous binder VG-30, @ 5.4 percent of mix and filler, transporting the hot mix to work site, laying with mechanical paver finisher to the required grade,level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 507 complete in all respects (PWD SR 21-22 Vol III Pg no 36 Item No 5.16)	Cum	1656.79	12189.40	1646.06	1097.77	13381158.00	548.29	12189.40	6683326.13	1646.06	20064484.13	
32	16	Road Marking with Hot Applied Thermoplastic Compound with Reflectorising Glass Beads on Bituminous Surface Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads @ 250 g/ m2 area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35:2015.The finished surface to be level, uniform and free from streaks and holes. MORTH Specification No. 803 (PWD SR 21-22 Vol III Pg no 57 Item No 8.15)	Sqm	1385.52	505.31	1385.52	913.88	461783.56	471.64	505.30	238319.69	1385.52	700103.25	
33		Upto 125%	Sqm			16.18			16.18	505.30	8175.75	16.18	8175.75	
34	17	Providing and laying in position plain cement concrete for levelling course for all works in foundation. The granite/trap/basalt crushed graded coarse aggregates and fine aggregates as per relevant IS Codes machine mixed, laid in layers not exceeding 150 mm thickness, well compacted using plate vibrators, including all lead & lifts, cost of all materials of quality, labour, Usage charges of machinery, curing, and all the other appurtenances required to complete the work as per technical specifications. (The cost of steel reinforcement & formwork shall be paid separately) Mix 1:5:10 (M 5.0) Using 40 mm nominal size graded crushed coarse aggregates(Specification No. 2.1.1 PWD SR 2021-22 Vol I P.No.50)	cum	634.28	5260.10	564.52	564.52	2969432.00				564.52	2969432.00	

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Sl. No.	Item No	Description of Works	Unit	Schedule-B		Modified Schedule B	Previous paid		Present paid			Total Upto date		Remarks
				Qty	Rate	Qty	Qty	Cost[Rs]	Qty	Rate	Cost	Qty	Cost[Rs]	
35	18	Providing and constructing un-reinforced plain cement concrete pavement, thickness as per design, over a prepared sub base, with 43 grade cement or any other type as per Clause 1501.2.2 M30 (Grade), coarse and fine aggregates conforming to IS:383, maximum size of coarse aggregate not exceeding 25 mm, mixed in a concrete mixer of not less than 0.2 cum capacity and appropriate weigh batcher using approved mix design, laid in approved fixed side formwork (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the formwork as per drawing), spreading the concrete with shovels, rakes, compacted using needle, screed and plate vibrators and finished in continuous operation including construction joints, , primer, sealant , curing of concrete slabs for 14-days, and water finishing to lines and grade as per drawing and technical specification clause 1501 with all lead, lifts, loading & unloading charges, cost and conveyance of all materials, labour, equipments etc., complete MORTH Specification No.1501 . as per the directions of the Engineer-in-charge of the work. (PWD SR 2021-22 Vol -III Pg 138 item no 20.29)	Cum	1062.30	7227.40	870.09	870.09	6288488.00				870.09	6288488.00	
36	19	Cost of Haulage Excluding Loading and Unloading Taking output 18 t load and lead 10 km = 180 t.km (PWD SR 2021-22 Vol-III Page No.3, Item No.1.4B)	T.Km	13886.48	101.50	13886.48	11174.56	1134217.84	2711.92	101.50	275259.88	13886.48	1409477.72	
									1784.23	101.50	181099.35	1784.23	181099.35	
37		Upto 125%	T.Km			1784.23					19973094.93		79788704.18	
		TOTAL Rs.						59815609.25			3595157.09		14361966.75	
		Add GST @ 18%						10766809.67			23568252.02		94150670.93	
		Grand Total						70582418.92						

Round off : 70582000.00

Sub total	1997.1999.66	
Roundoff:	1997 0000.00	79785609.25 -
Gst 18%	359 64600.00	14361409.67 -
total "	2356 4600.00	94147018.92
		94146600.00

CERTIFICATE

a) Certified that the work done by the Agency is Satisfied.

b) Amount Accepted and chargable to the above work.

c) Certified that the debries are Cleared from the work spot by the agency.

d) Certified that the neccssary Q.C Test Results are got obtained from the compitent authority and are enclosed along with the bill.

SHIPRAMA Consulting Engineers Pvt. Ltd. Bangalore

Assistant Engineer,
Ward 05
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Assistant Engineer
Ward 06
ಬಿ.ಬಿ.ಎಂ.ಪಿ ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

Asst.Executive Engineer,
Byatarayanapura Division
ಬಿ.ಬಿ.ಎಂ.ಪಿ, ಬೆಂಗಳೂರು-26

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